

WHITE RIVER BASIN

07052152 WILSON CREEK NEAR BROOKLINE, MO
(Ambient water-quality monitoring network)

WATER-QUALITY RECORDS

LOCATION.--Lat 37°09'07", long 93°22'18", in NE 1/4 SW 1/4 SE 1/4 sec.7, T.28 N., R.22 W., Greene County, Hydrologic Unit 11010002.

DRAINAGE AREA.--44.6 mi².

PERIOD OF RECORD.--November 1993 to current year.

WATER-QUALITY DATA, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

		DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	TEMPERATURE WATER (DEG C) (00010)	SPECIFIC CONDUCTANCE (µS/cm) (00095)	PH WATER WHOLE FIELD (STANDARD UNITS) (00400)	OXYGEN, DIS-SOLVED (mg/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATURATION) (00301)	OXYGEN DEMAND, CHEMICAL (HIGH LEVEL) (mg/L) (00340)	COLIFORM, FECCAL, 0.7 µM-MF (COLS./100 mL) (31625)	STREPTOCOCCI, TOCOCOCCI, FECCAL, KF AGAR (COLS. PER 100 mL) (31673)	E. COLI TOTAL UREASE (COL / 100 mL) (31633)
NOV 05...	1510	45	20.0	1160	7.14	14.3	160	--	K1210	270	K190
JAN 06...	1140	220	13.9	550	7.62	11.8	115	<10	3160	K770	K650
MAR 11...	0825	78	11.2	710	7.44	17.3	155	--	K284	70	110
APR 13...	1100	82	16.0	832	7.55	18.7	192	--	K15	K21	K30
JUN 10...	1010	42	22.1	876	7.41	15.0	173	20	460	190	220
AUG 13...	0950	59	23.6	827	7.72	13.3	157	--	K1440	1200	K2200
DATE	ANC WATER UNFLTRD FET FIELD (mg/L as CaCO ₃) (00410)	ANC BICARBONATE IT FIELD (mg/L as HCO ₃) (00450)	ANC CARBONATE IT FIELD (mg/L as CO ₃) (00447)	NITROGEN, NO ₂ +NO ₃ DIS-SOLVED (mg/L as N) (00631)	NITROGEN, NITRITE DIS-SOLVED (mg/L as N) (00613)	NITROGEN, AMMONIA DIS-SOLVED (mg/L as N) (00608)	NITROGEN, AMMONIA + ORGANIC DIS. (mg/L as N) (00623)	PHOSPHORUS, PHOSPHORUS DIS-SOLVED (mg/L as P) (00666)	PHOSPHORUS, ORTHO, DIS-SOLVED (mg/L as P) (00671)	HARDNESS TOTAL (mg/L as CaCO ₃) (00900)	CALCIUM DIS-SOLVED (mg/L as Ca) (00915)
NOV 05...	170	208	0	9.3	0.03	0.11	0.9	3.0	3.0	--	--
JAN 06...	151	181	0	4.0	<0.01	<0.02	0.3	0.63	0.60	180	63
MAR 11...	177	219	0	1.3	0.02	0.26	0.8	1.5	0.02	--	--
APR 13...	169	206	0	9.9	0.21	0.05	1.0	1.8	1.9	--	--
JUN 10...	168	207	0	6.4	0.02	0.25	1.0	1.9	2.0	180	62
AUG 13...	161	194	0	--	--	--	--	--	--	--	--
DATE	MAGNESIUM, DIS-SOLVED (mg/L as Mg) (00925)	SODIUM, DIS-SOLVED (mg/L as Na) (00930)	POTASSIUM, DIS-SOLVED (mg/L as K) (00935)	SULFATE DIS-SOLVED (mg/L as SO ₄) (00945)	CHLORIDE, DIS-SOLVED (mg/L as Cl) (00940)	FLUORIDE, DIS-SOLVED (mg/L as F) (00950)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (mg/L) (70300)	SOLIDS, SUM OF CONSTITUENTS, DIS-SOLVED (mg/L) (70301)	SOLIDS, DIS-SOLVED (TONS PER DAY) (70302)	RESIDUE TOTAL AT 105 DEG. C, SUSPENDED (mg/L) (00530)	ALUMINUM, TOTAL RECOVERABLE (µg/L as Al) (01105)
JAN 06...	4.1	39	4.6	28	53	0.2	310	301	182	62	780
JUN 10...	6.9	110	12	55	130	0.7	568	520	64.4	5	50
DATE	ALUMINUM, DIS-SOLVED (µg/L as Al) (01106)	CADMIUM WATER UNFLTRD TOTAL (µg/L as Cd) (01027)	CADMIUM DIS-SOLVED (µg/L as Cd) (01025)	COPPER, DIS-SOLVED (µg/L as Cu) (01040)	IRON, DIS-SOLVED (µg/L as Fe) (01046)	LEAD, TOTAL RECOVERABLE (µg/L as Pb) (01051)	LEAD, DIS-SOLVED (µg/L as Pb) (01049)	MANGANESE, DIS-SOLVED (µg/L as Mn) (01056)	MERCURY TOTAL RECOVERABLE (µg/L as Hg) (71900)	ZINC, TOTAL RECOVERABLE (µg/L as Zn) (01092)	ZINC, DIS-SOLVED (µg/L as Zn) (01090)
JAN 06...	15.9	<1	<8	<10	17	15	<100	12	<0.1	70	26
JUN 10...	10.7	<1	<8	<10	35	3	<100	22	<0.1	50	65

K--Results based on colony count outside the acceptable range (non-ideal colony count).